

**Flood Control Project Maintenance
Levee Inspections**

Fall 2011 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including USACE Erosion Survey

Sacramento River Basin

RD0551	Overall LMA Rating	Total LMA Miles				
Reclamation District No. 0551 Pearson	A	6.84				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
<i>Earthen Levee</i>						
Encroachments	0.04		0.04	0.59%	0.12	0.30
Animal Control	0.02		0.02	0.29%		
LMA Totals:	0.06	0.00	0.06	0.88%	0.12	0.30

**Flood Control Project Maintenance
Levee Inspections**
LMA District Cover Sheet
Fall 2011 Levee Inspection Results

Reclamation District No. 0551 Pearson

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)			A	

** Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

*
SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2011 Levee Inspection Results

Reclamation District No. 0551 Pearson

Waterway			Bank	Unit Miles
Unit No. 01 Sacramento River			Left	6.84
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	3/9/2011 - 3/9/2011		12/1/2011 - 12/1/2011	
DWR Inspector	Herman Phillips		Herman Phillips	
Accompanied By	Mr. Topper Van-Loben-Sels RD 551		Mr. Topper Van-Loben-Sels RD 551	

Check one:

- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report.
- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions.

(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

Comments

One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to :

DWR Summer/Winter Inspection Reports
3310 El Camino Avenue, Suite 200
Sacramento, CA 95821-9000

X

Signature of LMA Representative

Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 0551 Pearson

Waterway						Bank	Unit Miles	Inspection Start/End		Inspector
Unit No. 01 Sacramento River						Left	6.84	12/01/2011 12/01/2011		Herman Phillips
LMR No.	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	0.00	0.00	Earthen Levee	Vegetation	WS	A	Remove the wild growth other than native grasses from the levee slopes.	38.336258 ° -121.564902 °	38.336258 ° -121.564902 °	15 Y
2	0.20	0.20	Earthen Levee	Trim / Thin Trees	LS	N	Tree stumps.	38.334323 ° -121.567140 °	38.334323 ° -121.567140 °	7
3	0.20	0.20	Earthen Levee	Encroachments	LS	M	Tree or limb	38.334322 ° -121.567140 °	38.334322 ° -121.567140 °	8 Y
4	0.20	0.20	Earthen Levee	Trim / Thin Trees	LS	N	Tree stumps.	38.334323 ° -121.567122 °	38.334323 ° -121.567122 °	21 Y
5	0.22	0.22	Earthen Levee	Trim / Thin Trees	LS	N	Tree stumps.	38.334095 ° -121.567387 °	38.334095 ° -121.567387 °	18 Y
6	0.23	0.23	Earthen Levee	Trim / Thin Trees	LS	N	Tree stumps.	38.334016 ° -121.567491 °	38.334016 ° -121.567491 °	1
7	0.30	0.30	Earthen Levee	Erosion / Bank Caving	LS	C	Schedule repair of erosion site prior to the next inspection. Inspector Comments: Reclamation District has been made aware of the erosion site, they say that they will make repairs ASAP.	38.333247 ° -121.568423 °	38.333247 ° -121.568423 °	3
8	0.54	0.58	Earthen Levee	Encroachments	WS	PO	Landscaping	38.330557 ° -121.571237 °	38.330158 ° -121.571595 °	4
9	0.55	0.55	Earthen Levee	Encroachments	WS	PO	Buildings	38.330485 ° -121.571209 °	38.330485 ° -121.571209 °	2
10	0.56	0.59	Earthen Levee	Encroachments	LS	PO	Landscaping	38.330372 ° -121.571415 °	38.330058 ° -121.571697 °	5
11	0.60	0.60	Earthen Levee	Encroachments	WS	PO	Buildings	38.329918 ° -121.571742 °	38.329918 ° -121.571742 °	9
12	0.70	0.73	Earthen Levee	Encroachments	WS	M	Material Inspector Comments: This property has several unauthorized encroachments that were identified during the spring inspection that still remain on location to date, 11-19-2009.	38.328651 ° -121.372755 °	38.328286 ° -121.573045 °	42 Y
13	0.76	0.76	Earthen Levee	Encroachments	WS	W	Stairways Inspector Comments: There is a permit pending for this encroachment.	38.327852 ° -121.573487 °	38.327852 ° -121.573487 °	29 Y
14	1.53	1.53	Earthen Levee	Trim / Thin Trees	WS	N	Tree stumps.	38.317248 ° -121.576654 °	38.317248 ° -121.576654 °	12
15	1.54	1.62	Earthen Levee	Encroachments	WS	CO	Landscaping	38.317138 ° -121.576567 °	38.316060 ° -121.576688 °	6
16	1.69	1.71	Earthen Levee	Encroachments	LS	CO	Fences	38.315060 ° -121.576770 °	38.314717 ° -121.576788 °	11

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable PO : Partially Obstructing N : Not Inspected, see Inspector Comment C : Corrected
M : Minimally Acceptable CO : Completely Obstructing
U : Unacceptable W : Watch/Monitor

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 0551 Pearson

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 01 Sacramento River						Left	6.84	12/01/2011 12/01/2011	Herman Phillips	
LMR No.	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
17	1.69	1.71	Earthen Levee	Encroachments	LS	CO	Landscaping	38.315048 ° -121.576800 °	38.314717 ° -121.576787 °	10
18	2.73	2.73	Earthen Levee	Trim / Thin Trees	LS	N	Tree stumps.	38.301440 ° -121.569561 °	38.301440 ° -121.569561 °	14
19	2.75	2.75	Earthen Levee	Trim / Thin Trees	LS	N	Tree stumps.	38.300893 ° -121.569057 °	38.300893 ° -121.569057 °	17 Y
20	3.81	3.89	Earthen Levee	Encroachments	LS	CO	Landscaping	38.289027 ° -121.557542 °	38.288157 ° -121.556595 °	41
21	3.82	3.88	Earthen Levee	Encroachments	LS	CO	Landscaping	38.289087 ° -121.557365 °	38.288443 ° -121.556582 °	22
22	5.07	5.08	Earthen Levee	Trim / Thin Trees	LS	N	Tree stumps.	38.276587 ° -121.541173 °	38.276450 ° -121.541000 °	20
23	5.10	5.14	Earthen Levee	Encroachments	LS	CO	Landscaping	38.276300 ° -121.540775 °	38.275875 ° -121.540232 °	19
24	5.64	5.67	Earthen Levee	Encroachments	LS	PO	Landscaping	38.270850 ° -121.533632 °	38.270543 ° -121.533202 °	13
25	6.02	6.04	Earthen Levee	Animal Control	LS	M	Exterminate rodents and backfill and compact or grout burrows.	38.267243 ° -121.528433 °	38.267083 ° -121.528262 °	16

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.84	12/01/2011 12/01/2011	Herman Phillips

Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	Water Side
Category	Earthen Levee
Item	Vegetation

RD 551 looking downstream from waterside levee mile 0.00. Photo taken 11-30,-2011.

phillips_f_20111205_091.jpg



Levee Mile Report Line	3
Start Levee Mile	0.20
End Levee Mile	0.20
Location	Land Side
Category	Earthen Levee
Item	Encroachments

Landside levee mile 0.20 cut up tree sections on toe. Photo taken 12-01-2011.

phillips_f_20111205_096.jpg



Levee Mile Report Line	4
Start Levee Mile	0.20
End Levee Mile	0.20
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees

Tree stumps landward toe. Levee mile 0.20. Photo taken 12-01-2011.

phillips_f_20111205_095.jpg



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Unit No. 01 Sacramento River	Left	6.84	12/01/2011 12/01/2011	Herman Phillips

Levee Mile Report Line	5
Start Levee Mile	0.22
End Levee Mile	0.22
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees

Levee mile 0.22 landside. Photo taken 12-01-2011.

phillips_f_20111205_094.jpg



Levee Mile Report Line	12
Start Levee Mile	0.70
End Levee Mile	0.73
Location	Water Side
Category	Earthen Levee
Item	Encroachments

Gangway, wooden platform, and boat on berm and dock.

phillips_f_20111109_036.jpg



Levee Mile Report Line	12
Start Levee Mile	0.70
End Levee Mile	0.73
Location	Water Side
Category	Earthen Levee
Item	Encroachments

Boat trailer and box trailer on landward shoulder.

phillips_f_20111109_037.jpg



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Unit No. 01 Sacramento River	Left	6.84	12/01/2011 12/01/2011	Herman Phillips

Levee Mile Report Line	12
Start Levee Mile	0.70
End Levee Mile	0.73
Location	Water Side
Category	Earthen Levee
Item	Encroachments

Boat and trailer on land side shoulder.

phillips_f_20111109_038.jpg



Levee Mile Report Line	12
Start Levee Mile	0.70
End Levee Mile	0.73
Location	Water Side
Category	Earthen Levee
Item	Encroachments

Another view of the gangway and the platform.

phillips_f_20111109_039.jpg



Levee Mile Report Line	13
Start Levee Mile	0.76
End Levee Mile	0.76
Location	Water Side
Category	Earthen Levee
Item	Encroachments

This stairway was placed on the levee section without a Rec. Board permit. In the far background is a wooden deck on the levee slope.

phillips_f_20111109_035.jpg



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Unit No. 01 Sacramento River	Left	6.84	12/01/2011 12/01/2011	Herman Phillips

Levee Mile Report Line	19
Start Levee Mile	2.75
End Levee Mile	2.75
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees

Tree stump levee mile 2.75 landward shoulder.
Photo taken 12-01-2011.

phillips_f_20111205_093.jpg



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